



JLab Pro-7 Motherboard Replacement

In this guide we will be replacing the motherboard of our JLab Pro 7.

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INTRODUCTION

Here we are teaching our audience how to safely and efficiently replace the motherboard inside our JLab Pro 7. We provide comprehensive step by step guides that will show the user the best way to replace the motherboard, while minimizing any damage to your tablet.



TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)

iFixit Blue Prying tool

Step 1 — JLab Pro-7 Disassembly



- The tools needed in order to complete this task are above in the tools section.
- Grab your tablet and have your tools ready in order to open it and fix the components inside.

Step 2



- At the bottom of the tablet there are two screws.
- One screw is on the bottom left corner and the other is in the bottom right corner.
- Here, you need to grab a small Phillips screwdriver and carefully take out these screws. Be careful not to strip the screws when taking them out.

Step 3



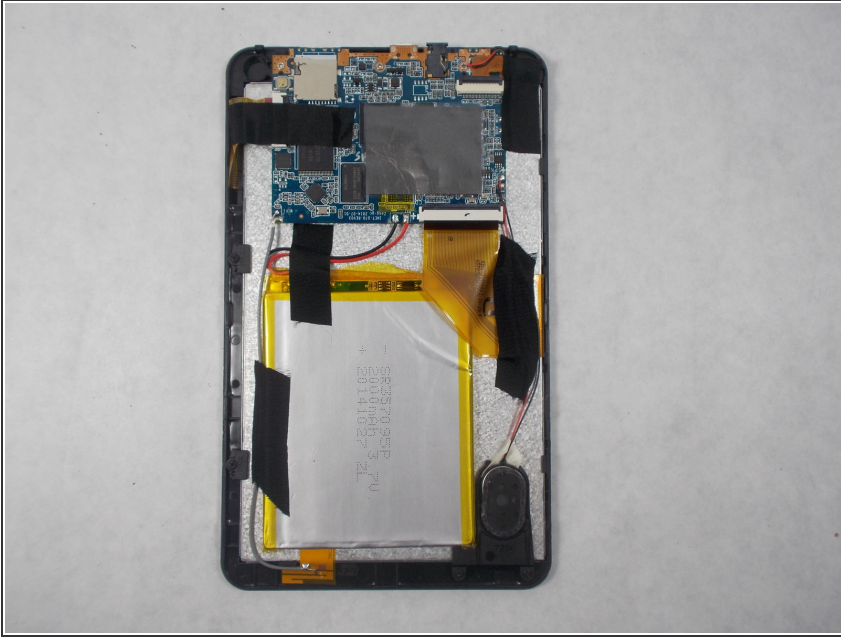
- Now grab your iFixit prying tool and try to carefully pry off the back casing.
- The back doesn't want to dislodge easily so make sure the end of your pry tool is underneath the screen in order to get enough leverage to start popping off the back case from the screen.
- Be careful when prying the edge of your tablet! Avoid snapping the volume and lock buttons. Also try not to dig into the tablet too deep with your prying tool so you don't damage any components inside.

Step 4



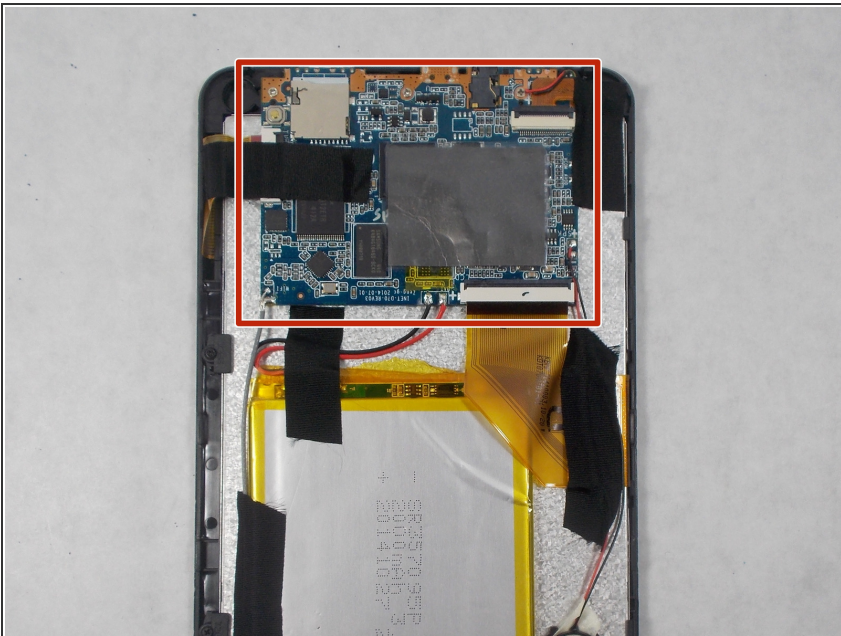
- Make sure to make your way around the perimeter of the tablet in order to take off the back casing.
- Put small amounts of pressure around the perimeter until you see that section pop off.
- Keep moving your way clockwise or counterclockwise until the back is fully removed.

Step 5



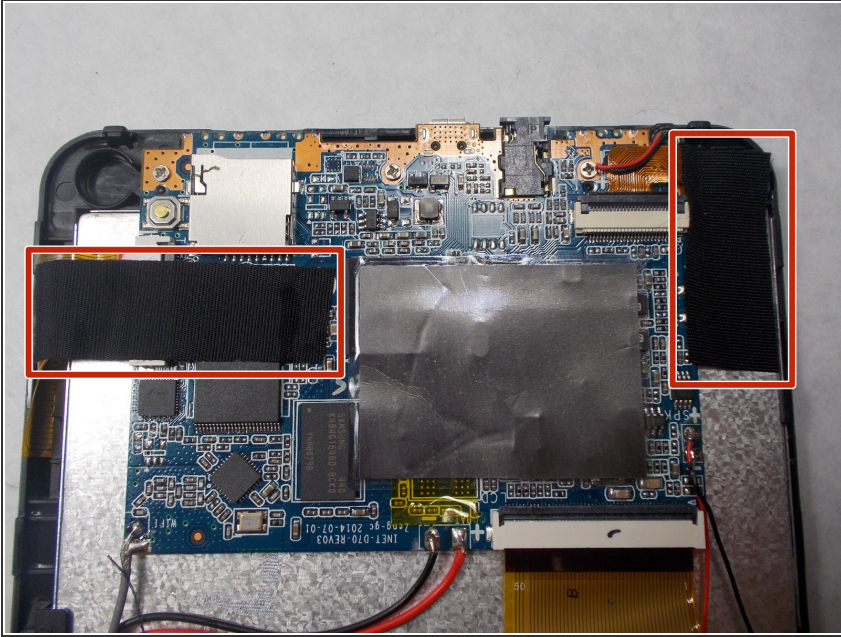
- There you have it now the back should be fully removed.
- Make sure to inspect your tablet for any damage from prying off the back panel of your panel.
- If any internals did fall out or seem to be damaged check out our guides we may be able to help you!

Step 6 — Motherboard



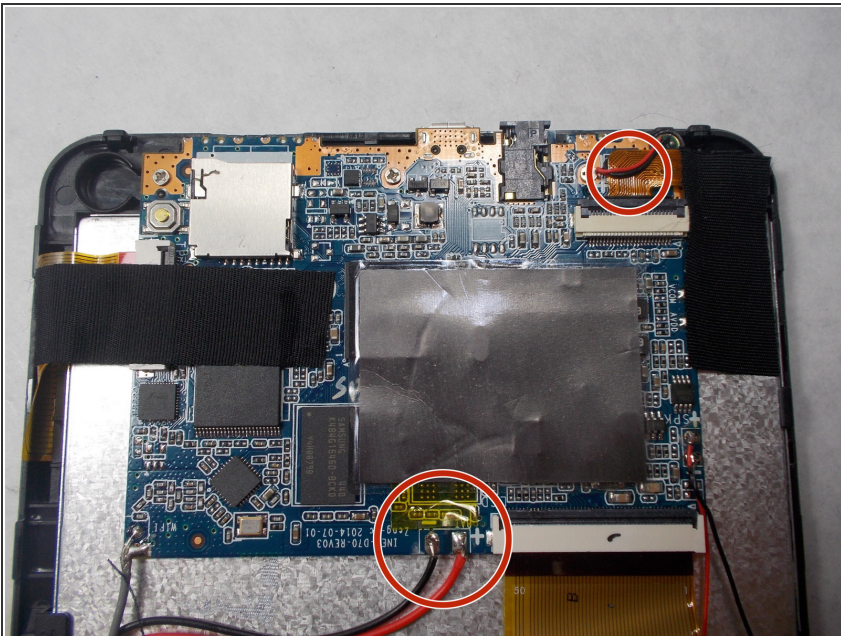
- Once the back has been taken off you will find the motherboard at the top of the rear panel of your tablet.
- The red box shows where your motherboard is

Step 7



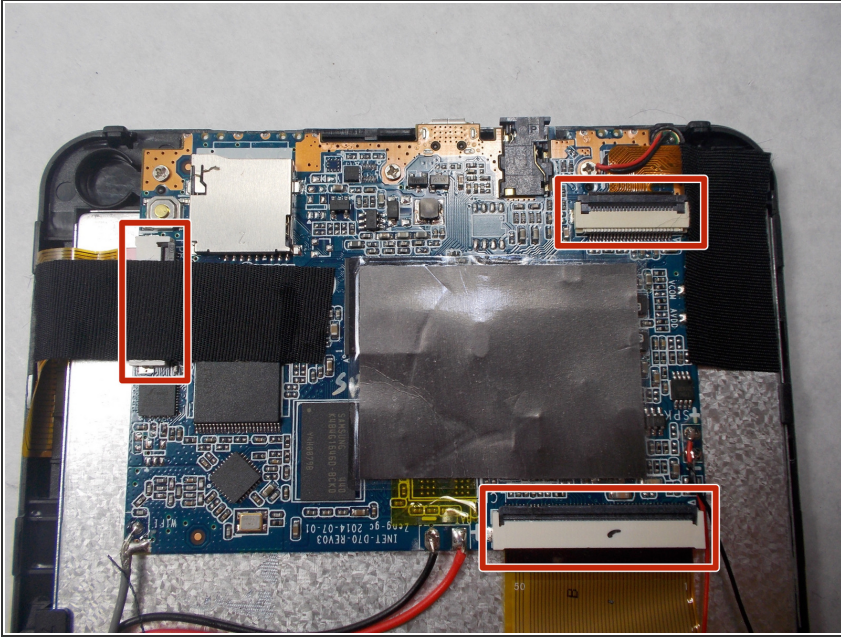
- The first step in replacing the motherboard is take off two pieces of thermal tape.
- The thermal tape can be found in the red boxes of the picture.

Step 8



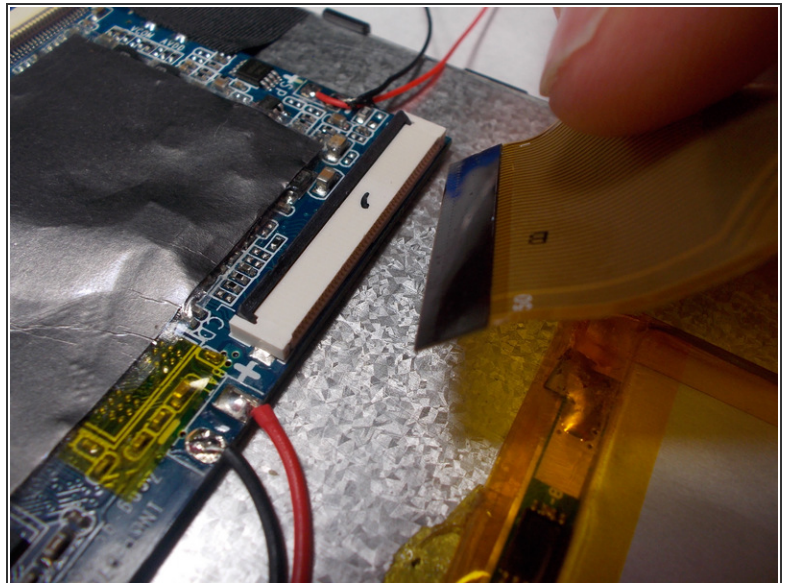
- Now you you have to melt the solder joints in order to disconnect the wires holding the motherboard in.
- The solder joints on the bottom middle of the motherboard is out in the open but the solder joints in the top right corner are covered by the ribbon connectors.
- Disconnecting the ribbon connectors needs to be done anyway to take off the motherboard. That will be shown in the next step.

Step 9



- The red rectangles show where on the motherboard the ribbon connectors need to be disconnected.
- Make sure the thermal tape is fully off before performing this section

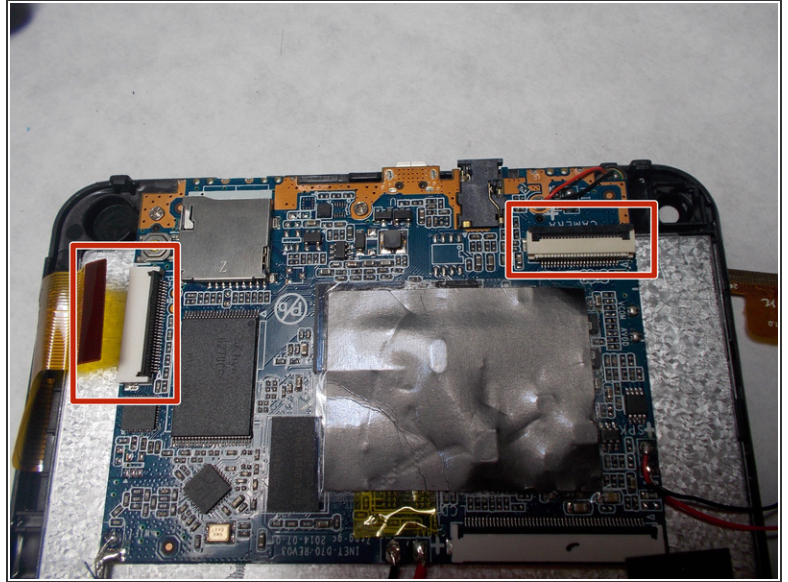
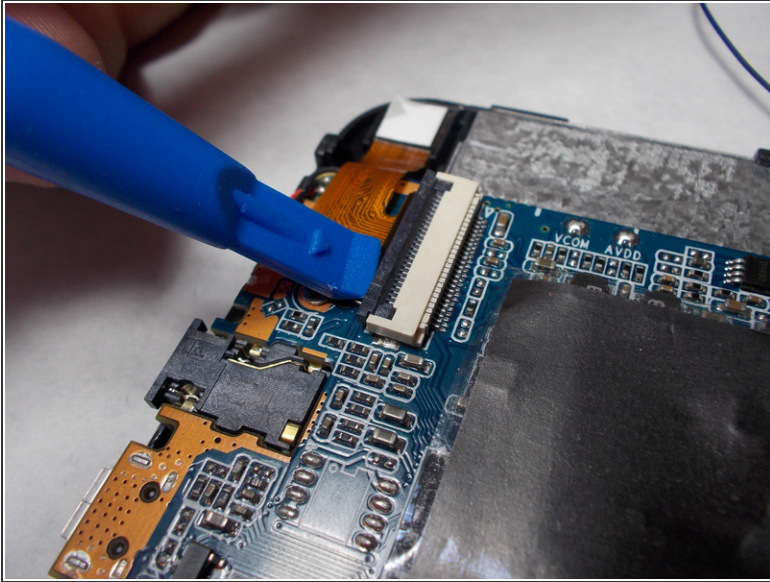
Step 10



i Disconnecting ribbon connectors don't need a lot of force to be done. Like always, be gentle with all of the components that you're working with.

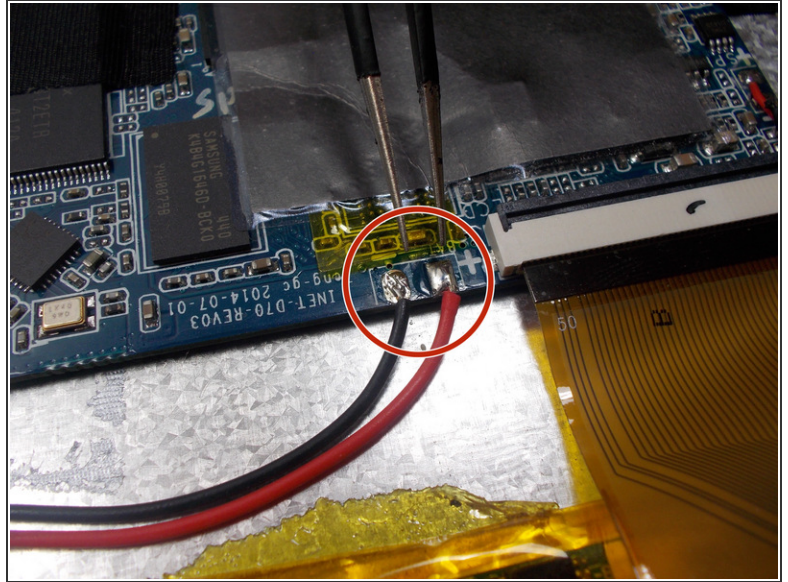
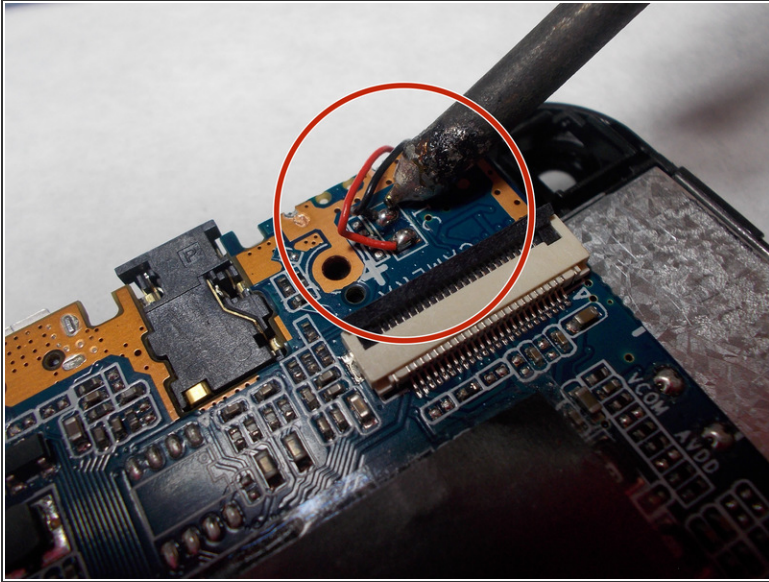
- Use the iFixit pry tool to lift up the black tab (pointed to by red arrows).
- Once the black tab is flipped up the ribbon connector can be pulled out.

Step 11



- Here are the other ribbon connectors that are on the motherboard
- These ribbon connectors can be removed the same way as the first ribbon connector at the bottom of the motherboard.
- Once all three ribbon connectors are disconnected then you can move onto removing the solder joints with a soldering iron.

Step 12



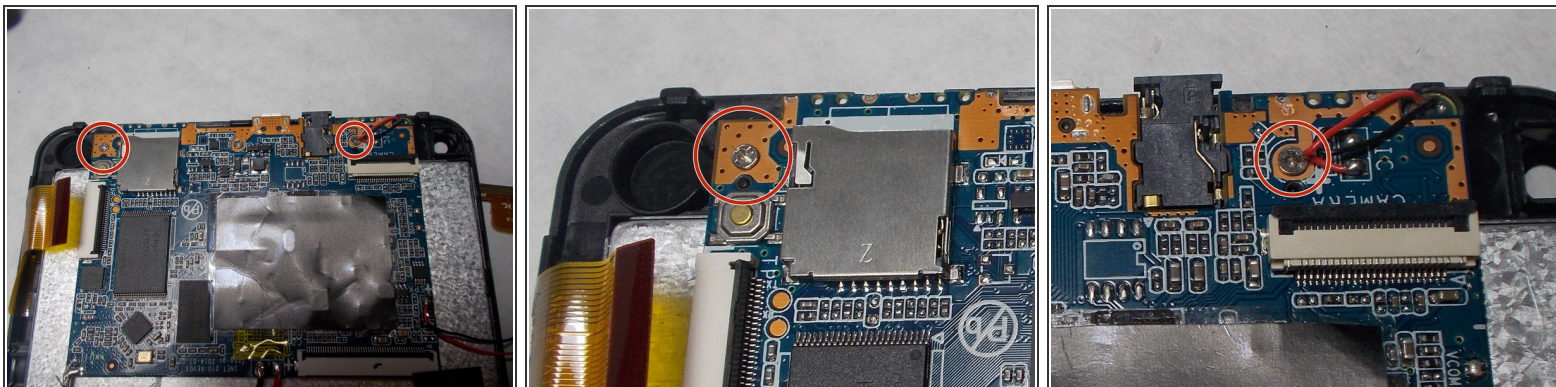
⚠ Soldering is a very useful, but dangerous technique to use. The iron itself gets very hot. In order to minimize and chance of bodily harm or damage of your product follow our links to soldering safety and instructions pages before proceeding

⚠ [Soldering Instructions](#)

⚠ [Soldering Safety](#)

- Allow your soldering iron to heat up before attempting to remove solder
- Once your soldering iron is sufficiently warm place the tip near the solder joints that are circle in red
- These solder joints should melt rather quickly. Once they have been melted and the wires can be safely removed.

Step 13



- This is the last step of the guide
- There are two screws that need to be removed using the same screw drive given in the tools sections of this guide.
- Once the screws are out the motherboard can be lifted up and replaced.

To reassemble your device, follow these instructions in reverse order.

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